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PASSWORD:

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***** Welcome to STN International *****

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent
number searching
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing
enhanced
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 9 NOV 26 MARPAT enhanced with FSORT command
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts
availability of new fully-indexed citations
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy
NEWS 12 NOV 26 Two new SET commands increase convenience of STN
searching
NEWS 13 DEC 01 ChemPort single article sales feature unavailable
NEWS 14 DEC 12 GBFULL now offers single source for full-text
coverage of complete UK patent families
NEWS 15 DEC 17 Fifty-one pharmaceutical ingredients added to PS

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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12/19/2008

10-587,150 entire scope.trn

***** STN Columbus *****

FILE 'HOME' ENTERED AT 09:02:14 ON 18 DEC 2008

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:02:34 ON 18 DEC 2008

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STRUCTURE FILE UPDATES: 16 DEC 2008 HIGHEST RN 1085590-90-4

DICTIONARY FILE UPDATES: 16 DEC 2008 HIGHEST RN 1085590-90-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

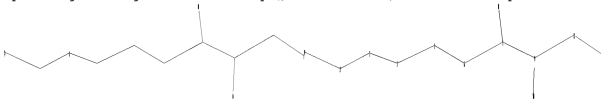
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10-587,150 entire scope.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

1-2 1-3 2-4 3-5 5-6 6-7 7-8 7-9 9-10 9-11 11-12

exact/norm bonds :

1-2 1-3 2-4 7-8 9-10 11-12

exact bonds :

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12/19/2008

10-587,150 entire scope.trn

Match level :

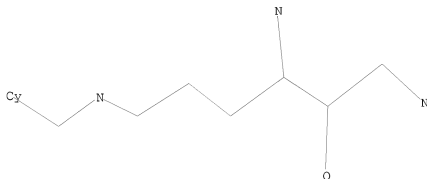
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10:CLASS 11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 09:02:56 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 16661 TO ITERATE

12.0% PROCESSED 2000 ITERATIONS 3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 325488 TO 340952
PROJECTED ANSWERS: 200 TO 798

L2 3 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 09:03:04 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 337422 TO ITERATE

98.0% PROCESSED 330654 ITERATIONS 377 ANSWERS
100.0% PROCESSED 337422 ITERATIONS 377 ANSWERS
SEARCH TIME: 00.00.23

L3 377 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 09:03:43 ON 18 DEC 2008
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FILE COVERS 1907 - 18 Dec 2008 VOL 149 ISS 25
FILE LAST UPDATED: 17 Dec 2008 (20081217/ED)

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Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3
L4 7 L3

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

12/19/2008

10-587,150 entire scope.trn

14 ANIML 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

PAGE 1-11

IN 1013922-29-6 CAS108
CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadoxy-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-[2-methylethyl]-1-[[2-methyl-2-(nitrooxy)-1-oxopropyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



1T 961451-17-4
 KL: PPRF (Prophetic); RCT (Reactant); RACT (Reactant or reagent)
 [preparation of nitrate esters of aryl or heterocyclyl aminodiol as
 cardiovascular agents]
 CN 961451-17-4 CAPLOS
 JN 1-arabino-3-oxo-, 1-amino-1,3,4,5,6-pentadeoxy-3-[[[2-(3,4-
 dimethylethoxy)carboxyl]amino]-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-[1-
 methylethyl]yl]-19C1] (CA, INDEX NAME)

Absolute stereochemistry

L4 ASSIGNEE 3 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN
 ACCESSION NUMBER: 2007.91014 CAPLUS
 DOCUMENT NUMBER: 4616256265
 TITLE: Anti-doping alcohol as therapeutic compounds
 INVENTOR(S): Herold, Peter; Stutz, Stefan; Technische, Vincenz
 Stojanovic, Aleksandar; Marti, Christiane; Quirnbach,
 Michael; Schnacker, Christof
 PATENT ASSIGNEE(S): Swiss.
 SOURCE: U.S. Pat. Appl. Publ., 15 pp.
 CORDEN: USX0000
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070021399	A1	20070125	US 2006-48858	20060713
PRIORITY APPL. INFO.			CH 2005-1211	A 20050720

OTHER SOURCE(S): CASREACT 146:156265; MAMPAT 146:156265
 AB Use of compds. of the general formula (I) in which R, R1, R2, R3, R4, R5, X1 and X2 have the definitions illustrated in detail in the description, as beta-secretase, cathepsin D, plasminogen II and/or HIV protease

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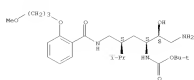
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Page 6

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on 5TH (Continued)

(Continued)



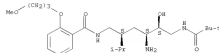
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RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

14 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

(Continued)

RN 061450-97-7 CAPLOS
 CN L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-1-[(2,2-dimethyl-1-oxopropyl)amino]-6-[[2-(3-methoxypropoxy)benzoyl]amino]-5-(1-methylethyl)-, monohydrochloride (3CI) (CA INDEX NAME)

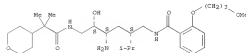
Absolute stereochemistry.



● HCL

R03 S61450-98-S CAPLOS
C03 L-arabino-Hexitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[[2-(3-methoxypropyl)benzoyl]amino]-5-[3-methylethyl]-1-[[2-methyl-1-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]amino]-, monohydrochloride (9CI) [CA INDEX NAME]

Absolute stereochemistry.

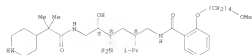


● HC1

FN 861450-99-9 CAP108
CN L-arabino-Beuritol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-[4-methoxy(butoxy)benzoyl]amino]-5-(2-methylethyl)-1-[[2-methyl-1-oxo-2-[4-piperidinyl]prosyl]amino]-, dihydrochloride (HC1) (CA INDEX NAME)

Absolute stereochemistry

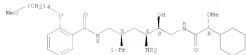
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

861451-01-6 CAPLUS
 CN 1-arabino-8-azido, 3-amino-1-[[[2R]-cyclohexylmethoxycarbonyl]amino]-2,7,4,5,6-pentadeoxy-6-[[2-[4-methoxybenzoyl]benzoyl]amino]-5-[12-methyl-1-yl], monohydrochloride (HCl) [CA INDEX NAME]

Absolute stereochemistry.

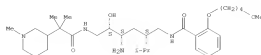


● HCl

861451-02-7 CAPLUS
 CN 1-arabino-8-azido, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-[4-methoxybenzoyl]benzoyl]amino]-5-[1-methyl-1-yl]-[2-methyl-2-(1-methyl-3-pyridinyl)-1-methoxy]amino], dihydrochloride (HCl) [CA INDEX NAME]

Absolute stereochemistry.

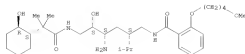
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

861451-03-8 CAPLUS
 CN 1-arabino-8-azido, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-[4-methoxybenzoyl]benzoyl]amino]-5-[1-methyl-1-yl], monohydrochloride (HCl) [CA INDEX NAME]

Absolute stereochemistry.

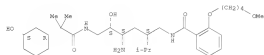


● HCl

1057088-48-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

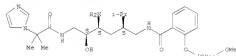
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

1057088-50-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

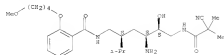
Absolute stereochemistry.



● 2 HCl

1057088-53-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

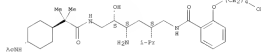


● HCl

1057088-54-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

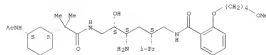
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

1057088-55-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

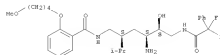
Absolute stereochemistry.



● HCl

1057088-56-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

1057088-57-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

12/19/2008

10-587,150 entire scope.trn

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RN 1057088-70-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

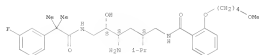
Absolute stereochemistry.



● BC1

RN 1057088-72-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

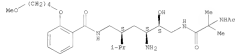


● BC1

RN 1057088-73-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

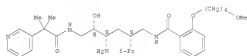
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● BC1

RN 1057088-76-2 CAPLUS
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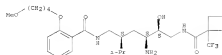
Absolute stereochemistry.



● 2 BC1

RN 1057088-77-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

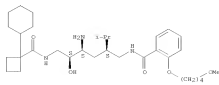


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RN 1057088-78-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

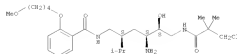
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



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 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

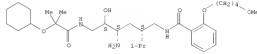


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 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

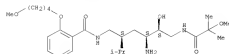
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● BC1

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 CN INDEX NAME NOT YET ASSIGNED

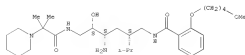
Absolute stereochemistry.



● BC1

RN 1057088-80-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 BC1

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 CN INDEX NAME NOT YET ASSIGNED

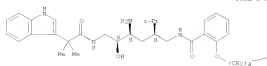
Absolute stereochemistry.

12/19/2008

10-587,150 entire scope.trn

L4 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A



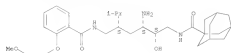
● HCl

PAGE 1-B

—OMe

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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

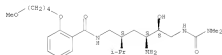
RN 1057088-83-1 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

L4 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

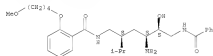
Absolute stereochemistry.



● HCl

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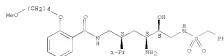
Absolute stereochemistry.



● HCl

RN 1057088-90-0 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

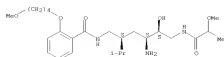
Absolute stereochemistry.



● HCl

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CN INDEX NAME NOT YET ASSIGNED

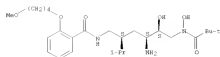
L4 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

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CN INDEX NAME NOT YET ASSIGNED

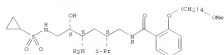
Absolute stereochemistry.



● HCl

RN 1057088-95-3 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

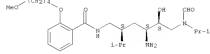


● HCl

RN 1057088-98-6 CAPLOS

L4 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

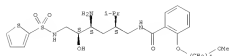
Absolute stereochemistry.



● HCl

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CN INDEX NAME NOT YET ASSIGNED

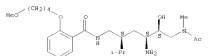
Absolute stereochemistry.



● HCl

RN 1057088-94-4 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

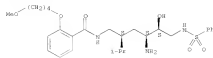
RN 1057088-95-5 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

ABSTRACT stereochemistry.



● 1. R1

88 1057088-91-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

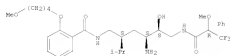
ABSTRACT stereochemistry.



● 2. R1

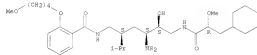
88 1057088-88-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.



● R1

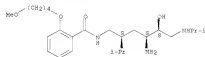
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● R1

88 1057089-01-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

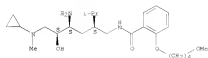
ABSTRACT stereochemistry.



● R1

88 1057089-07-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.



● R1

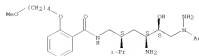
88 1057089-08-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.

14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

88 1057088-99-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

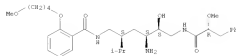
ABSTRACT stereochemistry.



● 1. R1

88 1057089-00-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.



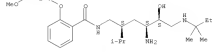
● R1

88 1057089-01-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.



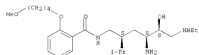
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 1. R1

88 1057089-08-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

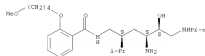
ABSTRACT stereochemistry.



● R1

88 1057089-10-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.

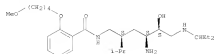


● 2. R1

88 1057089-11-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

ABSTRACT stereochemistry.

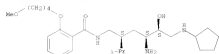
14 ANHEM 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

RU 1057089-12-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

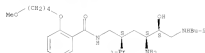
Absolute stereochemistry.



● 2 HCl

RU 1057089-15-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

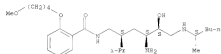
Absolute stereochemistry.



● 1 HCl

RU 1057089-16-3 CAPLUS

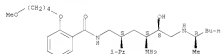
14 ANHEM 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

RU 1057089-20-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

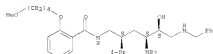
Absolute stereochemistry.



● 2 HCl

RU 1057089-22-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

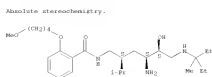


● 2 HCl

RU 1057089-23-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

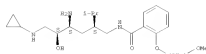
14 ANHEM 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

RU 1057089-17-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

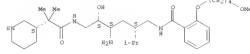


● 2 HCl

RU 1057089-19-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

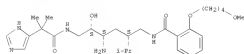
14 ANHEM 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 1 HCl

RU 1057089-24-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

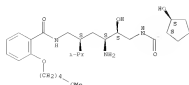
Absolute stereochemistry.



● HCl

RU 1057089-26-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

RU 1057089-27-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



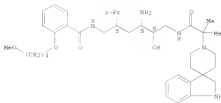
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788 1057089-23-8 CAP1/08
C88 INDEX NAME NOT YET ASSIGNED

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Absolute stereochemistry.



● 2 HCl

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FBI 1057089-30-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

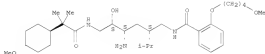
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Absolute stereochemistry.

14 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

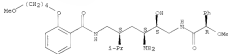
Absolute stereochemistry.



● HCl

920 1057089-34-5 CAPLUS
C00 INDEX NAME NOT YET ASSIGNED

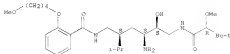
Absolute stereochemistry.



● HCl

FIN 1057089-35-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

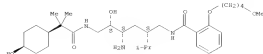
Absolute stereochemistry.



- *incl*

FN 105 7089-34-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

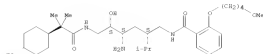
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on 5TH (Continued)



● RC1

J22 1057083-31-2 CAPLOS
C22 INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



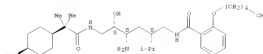
● 1023

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782 1057089-32-3 CAPLOS
CN INDEX NAME NOT YET ASSIGNED

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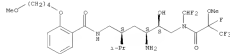
Absolute stereochemistry



● **MC 1**

FOI 1057089-33-4 CAP1/28

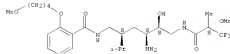
14 ANSWER 3 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)
Absolute stereochemistry.



● **MCQ**

RN 1057089-37-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

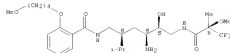
Absolute stereochemistry.



● AC-1

RN 1057089-38-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry



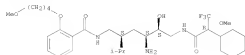
● HCl

FBI 105 7089-39-0 CAP/US
 CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

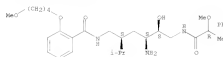
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 Absolute stereochemistry.



● HCl

BN 1057089-40-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

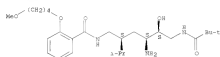
BN 1057089-41-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

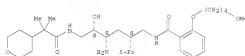
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

BN 1057089-47-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

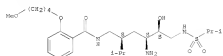
Absolute stereochemistry.



● HCl

BN 1057089-49-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



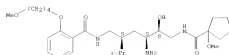
● HCl

BN 1057090-23-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
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 CN INDEX NAME NOT YET ASSIGNED

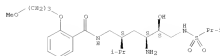
Absolute stereochemistry.



● HCl

BN 1057089-43-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

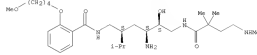


● HCl

BN 1057089-46-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

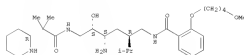
14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

BN 1057090-24-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

BN 1057090-25-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

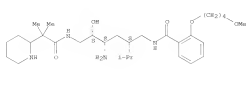
BN 1057090-26-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

12/19/2008

10-587,150 entire scope.trn

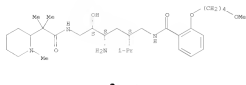
L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



● 2 RCL

FH 1057090-71-3 CAPLUS
CH INDEX NAME NOT YET ASSIGNED

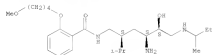
Absolute stereochemistry.



● 2 RCL

FH 1057090-71-3 CAPLUS
CH INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



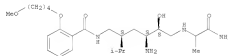
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FH 1057090-30-8 CAPLUS

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CH INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

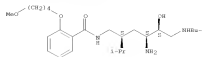


● 2 RCL

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

CH INDEX NAME NOT YET ASSIGNED

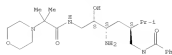
Absolute stereochemistry.



● 2 RCL

FH 1057090-71-3 CAPLUS
CH INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 RCL

FH 1049117-72-2 CAPLUS
CH INDEX NAME NOT YET ASSIGNED

● RCL

FH 1049117-95-8 CAPLUS

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 200718049 CAPLUS

DOCUMENT NUMBER: 146162845

TITLE: Amidomimetic alcohols for treatment of Alzheimer's

disease, malaria, or HIV infection.

Inventor(s): Herold, Peter; Stutz, Stefan; Tschane, Vito; Stoyanov, Alexander; Murr, Christian; Quirbach,

Michael; Schumacher, Christoph

Special Experimenta AG, Switzerland

PATENT ASSIGNOR(S): Eur. Pat. Appl., 22pp.

SOURCE: EPO: EP 200718049

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNTRY: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1745777	A1	20070124	EP 2006-117473	20060719

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1745777	A1	20070124	EP 2006-117473	20060719

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EP 1745777	A1	20070124	EP 2006-117473	20060719

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12/19/2008

10-587,150 entire scope.trn

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

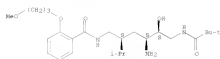
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R1: FAPR (Proprietary)

Indandanololols for treatment of Alzheimer's disease, malaria, or HIV infection.

RN 1057089-47-1 CAPLUS
 CN 1-arabino-Desitol, 3-amino-1,3,4,5,6-pentadeoxy-1-[[2,2-dimethyl-1-oxopropyl]amino]-6-[[2-[3-methoxypropoxy]benzoyl]amino]-5-[1-methylethyl]-, monohydrochloride (9C7) (CA INDEX NAME)

Absolute stereochemistry.

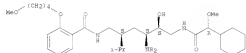


● 9C1

RN 1057089-99-8 CAPLUS
 CN 1-arabino-Desitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-[3-methoxypropoxy]benzoyl]amino]-5-[1-methylethyl]-1-[[2-methyl-1-oxo-2-[[3-methoxy-2-methyl-4-[[3-methoxypropyl]amino]-5-[1-methylethyl]-, monohydrochloride (9C1) (CA INDEX NAME)

Absolute stereochemistry.

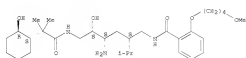
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 9C1

RN 1057089-99-8 CAPLUS
 CN 1-arabino-Desitol, 3-amino-1,3,4,5,6-pentadeoxy-3-[[1-[18,19]-2-hydroxy-2-oxo-2-methyl-1-oxopropyl]amino]-6-[[2-[4-methoxypropoxy]benzoyl]amino]-5-[1-methylethyl]-, monohydrochloride (9C1) (CA INDEX NAME)

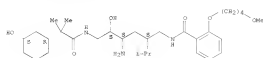
Absolute stereochemistry.



● 9C1

RN 1057089-48-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

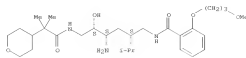
Absolute stereochemistry.



● 9C1

RN 1057089-30-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

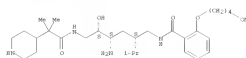
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 9C1

RN 1057089-99-8 CAPLUS
 CN 1-arabino-Desitol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-[4-methoxypropoxy]benzoyl]amino]-5-[1-methylethyl]-2-[[2-methyl-1-oxo-2-[[3-methoxy-2-methyl-4-[[3-methoxypropyl]amino]-5-[1-methylethyl]-, monohydrochloride (9C1) (CA INDEX NAME)

Absolute stereochemistry.

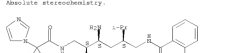


● 9C1

RN 1057089-01-6 CAPLUS
 CN 1-arabino-Desitol, 3-amino-1-[[[10E]-cyclohexylmethoxy]amino]-1,3,4,5,6-pentadeoxy-6-[[2-[4-methoxypropoxy]benzoyl]amino]-5-[1-methylethyl]-, monohydrochloride (9C1) (CA INDEX NAME)

Absolute stereochemistry.

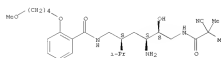
L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 9C1

RN 1057089-51-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

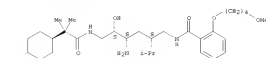
Absolute stereochemistry.



● 9C1

RN 1057089-52-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



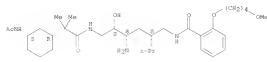
● 9C1

RN 1057089-53-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

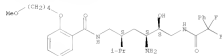
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
Absolute stereochemistry.



● HCl

88 1057088-34-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

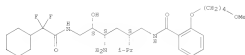
Absolute stereochemistry.



● HCl

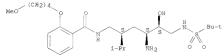
88 1057088-37-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

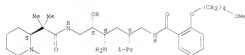
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



● HCl

88 1057088-42-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

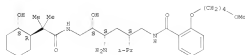
Absolute stereochemistry.



● 2 HCl

88 1057088-45-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



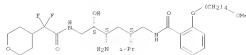
● HCl

88 1057088-46-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
88 1057088-56-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

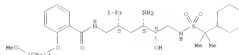
Absolute stereochemistry.



● HCl

88 1057088-57-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

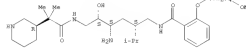


● HCl

88 1057088-58-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

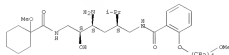
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



● 2 HCl

88 1057088-62-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

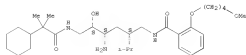
Absolute stereochemistry.



● HCl

88 1057088-65-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

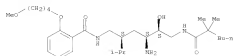
88 1057088-66-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

12/19/2008

10-587,150 entire scope.trn

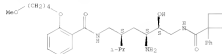
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



● HCl

 RN 1057088-67-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

 RN 1057088-68-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

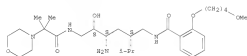
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



● HCl

 RN 1057088-71-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

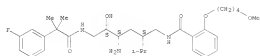
Absolute stereochemistry.



● 2 HCl

 RN 1057088-72-8 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

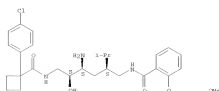


● HCl

 RN 1057088-73-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

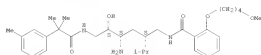
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



● HCl

 RN 1057088-69-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

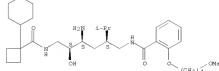


● HCl

 RN 1057088-70-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

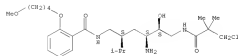
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



● HCl

 RN 1057088-74-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

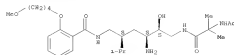
Absolute stereochemistry.



● HCl

 RN 1057088-75-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



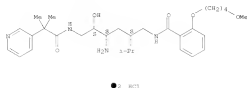
● HCl

 RN 1057088-76-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

12/19/2008

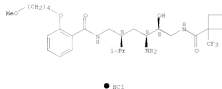
10-587,150 entire scope.trn

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
Absolute stereochemistry.



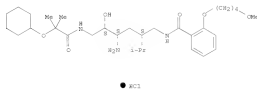
BN 1057088-77-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



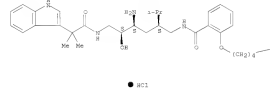
BN 1057088-78-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A

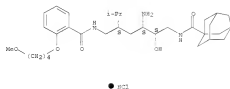


PAGE 1-B

—OMe

BN 1057088-82-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

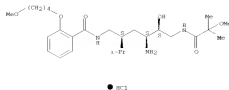


BN 1057088-83-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

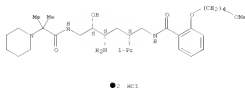
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
BN 1057088-79-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



BN 1057088-80-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

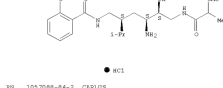


BN 1057088-81-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

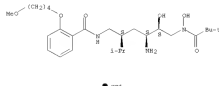
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

PAGE 1-A



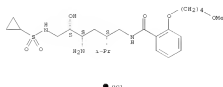
BN 1057088-84-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



BN 1057088-85-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

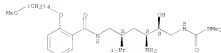
Absolute stereochemistry.



BN 1057088-86-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

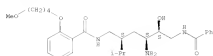


● RCI

RN 1057088-93-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

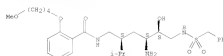


● RCI

RN 1057088-93-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● RCI

RN 1057088-93-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

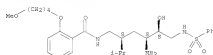
Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 1057088-93-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

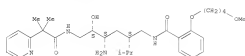


● RCI

RN 1057088-93-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

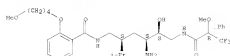


● RCI

RN 1057088-93-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

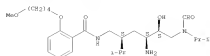
Absolute stereochemistry.



● RCI

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

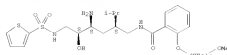


● RCI

RN 1057088-93-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

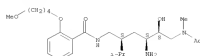


● RCI

RN 1057088-94-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● RCI

RN 1057088-94-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

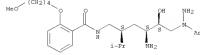
Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 1057088-94-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

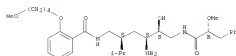


● RCI

RN 1057088-94-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

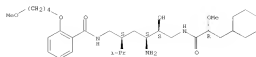


● RCI

RN 1057088-94-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● RCI

RN 1057088-94-5 CAPLUS

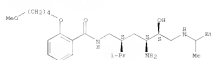
12/19/2008

10-587,150 entire scope.trn

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



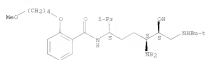
● 2 R/C1

ZN 1057089-04-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

N-[[[(1S,4S,5S)-4-amino-6-[[1,1,3-dimethyl-2-[[1-methyl-1H-imidazol-5-yl]oxy]butyl]amino]-5-hydroxy-3-methylheptyl]heptyl]-2-(4-methoxybutoxy)-, hydrochloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.



● 2 R/C1

ZN 1057089-05-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

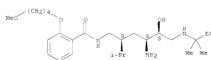
Absolute stereochemistry.



14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

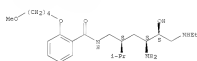


● 2 R/C1

ZN 1057089-03-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

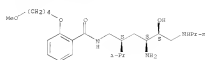


● 2 R/C1

ZN 1057089-10-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 R/C1

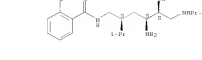
ZN 1057089-11-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

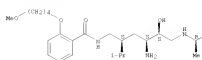


● 2 R/C1

ZN 1057089-04-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

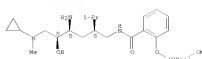


● 2 R/C1

ZN 1057089-07-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



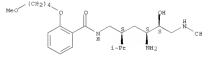
● 2 R/C1

ZN 1057089-08-3 CAPLUS

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

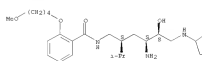


● 2 R/C1

ZN 1057089-12-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

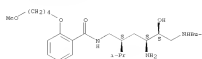


● 2 R/C1

ZN 1057089-15-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 R/C1

ZN 1057089-16-3 CAPLUS

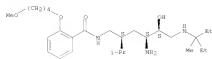
CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

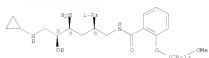
Absolute stereochemistry.



● 2 HCl

R# 1057089-17-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

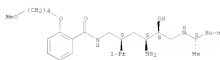
Absolute stereochemistry.



● 3 HCl

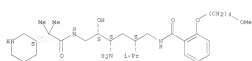
R# 1057089-18-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 HCl

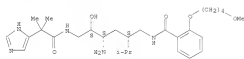
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 3 HCl

R# 1057089-24-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

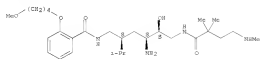
Absolute stereochemistry.



● HCl

R# 1057089-25-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 3 HCl

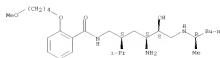
R# 1057089-26-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

R# 1057089-20-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

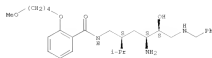
Absolute stereochemistry.



● 3 HCl

R# 1057089-22-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

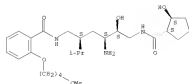


● 2 HCl

R# 1057089-23-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

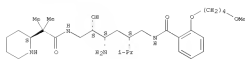
14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

R# 1057089-27-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

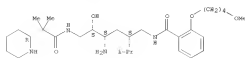
Absolute stereochemistry.



● 3 HCl

R# 1057089-28-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



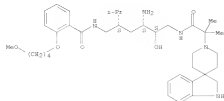
● 2 HCl

R# 1057089-29-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

12/19/2008

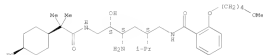
10-587,150 entire scope.trn

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)
 Absolute stereochemistry.



● RC1

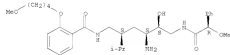
RN 1057089-10-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

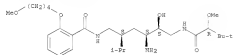
RN 1057089-11-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



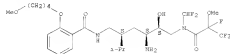
● RC1

RN 1057089-11-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

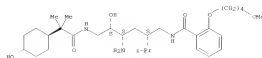
RN 1057089-16-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

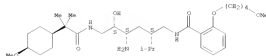
RN 1057089-17-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)



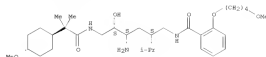
● RC1

RN 1057089-32-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

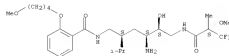
RN 1057089-33-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

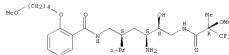
RN 1057089-34-5 CAPLUS

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)
 Absolute stereochemistry.



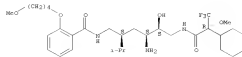
● RC1

RN 1057089-38-9 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

RN 1057089-39-0 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED
 Absolute stereochemistry.



● RC1

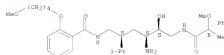
RN 1057089-40-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

12/19/2008

10-587,150 entire scope.trn

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.



● HCl

88 1057089-41-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

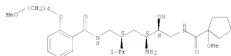


● HCl

88 1057089-42-1 CAPLUS

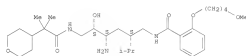
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

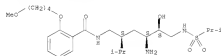


● HCl

88 1057089-43-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

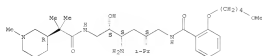


● HCl

88 1057089-51-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● 2 HCl

88 1057089-56-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

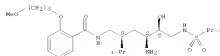
Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

88 1057089-43-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

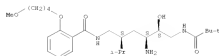


● HCl

88 1057089-44-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



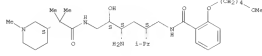
● HCl

88 1057089-47-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

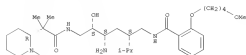


● 2 HCl

88 1057089-57-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

88 1069117-73-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



● HCl

88 1069117-95-0 CAPLUS

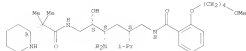
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

12/19/2008

10-587,150 entire scope.trn

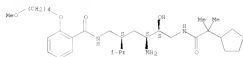
14 ANMEK 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2. HCl

HN 1044675-36-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

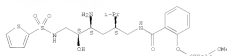
Relative stereochemistry.



● HCl

HN 1044675-36-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● HCl

HN 1044675-38-8 CAPLUS

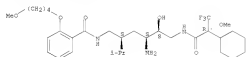
14 ANMEK 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2. HCl

HN 1044675-41-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

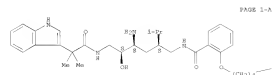
Relative stereochemistry.



● HCl

HN 1044675-44-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● HCl

PAGE 1-A

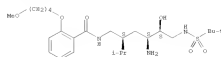
14 ANMEK 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2. HCl

HN 1044675-79-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



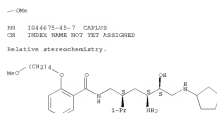
● HCl

HN 1044675-40-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

14 ANMEK 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

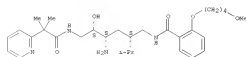
PAGE 1-B



● 1. HCl

HN 1044675-45-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● 2. HCl

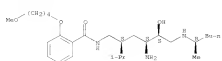
HN 1044675-49-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

12/19/2008

10-587,150 entire scope.trn

14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2: RCI

R# 1044675-50-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● RCI

R# 1044675-52-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

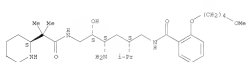
Relative stereochemistry.



● RCI

R# 1044675-53-7 CAPLUS

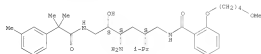
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2: RCI

R# 1044675-50-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

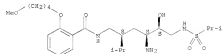
Relative stereochemistry.



● RCI

R# 1044675-51-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● RCI

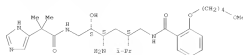
R# 1044675-62-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

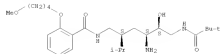
Relative stereochemistry.



● RCI

R# 1044675-54-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

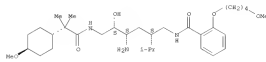


● RCI

R# 1044675-58-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

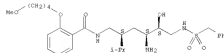
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● RCI

R# 1044675-63-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

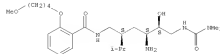
Relative stereochemistry.



● RCI

R# 1044675-65-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● RCI

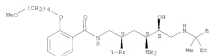
R# 1044675-66-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

12/19/2008

10-587,150 entire scope.trn

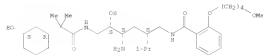
14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 2 HCl

RN 1044675-67-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

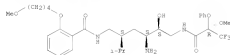
Relative stereochemistry.



● HCl

RN 1044675-69-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



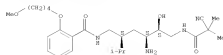
● HCl

RN 1044675-69-5 CAPLUS

14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

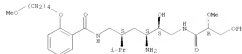
Relative stereochemistry.



● HCl

RN 1044675-70-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

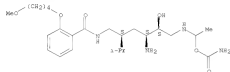


● HCl

RN 1044675-71-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

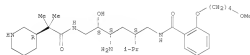
14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 8 HCl

RN 1044675-72-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

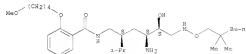
Relative stereochemistry.



● 3 HCl

RN 1044675-73-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

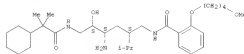


● HCl

RN 1044675-75-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

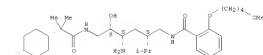
Relative stereochemistry.



● HCl

RN 1044675-79-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

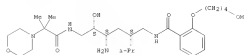
Relative stereochemistry.



● HCl

RN 1044675-80-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● HCl

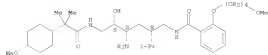
RN 1044675-81-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

12/19/2008

10-587,150 entire scope.trn

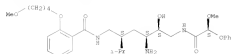
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

 RH 1044675-82-3 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

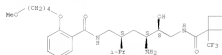
Relative stereochemistry.



● HCl

 RH 1044675-84-6 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

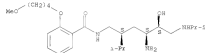
Relative stereochemistry.



● HCl

RH 1044675-85-5 CAPLUS

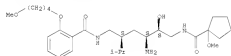
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

 RH 1044675-90-2 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

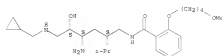
Relative stereochemistry.



● HCl

 RH 1044675-92-4 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● HCl

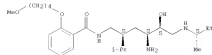
 RH 1044675-93-5 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CH INDEX NAME NOT YET ASSIGNED

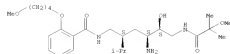
Relative stereochemistry.



● HCl

 RH 1044675-86-6 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

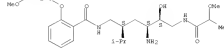


● HCl

 RH 1044675-87-7 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

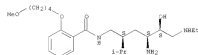
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

 RH 1044675-94-6 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

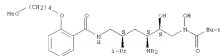
Relative stereochemistry.



● HCl

 RH 1044675-95-7 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

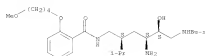


● HCl

 RH 1044675-98-9 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

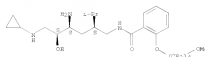
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 1 R01

RN 1044676-99-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

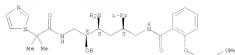
Relative stereochemistry.



● 2 R01

RN 1044676-01-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

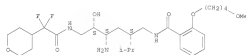
Relative stereochemistry.



● 2 R01

RN 1044676-03-0 CAPLUS

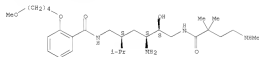
14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● R01

RN 1044676-06-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

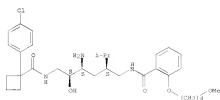
Relative stereochemistry.



● 2 R01

RN 1044676-08-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

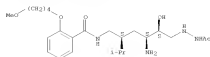


● R01

14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CN INDEX NAME NOT YET ASSIGNED

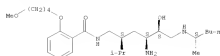
Relative stereochemistry.



● 2 R01

RN 1044676-04-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● R01

RN 1044676-05-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

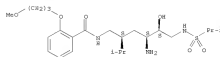
Relative stereochemistry.



14 ANMEER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 1044676-09-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

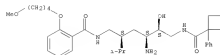
Relative stereochemistry.



● R01

RN 1044676-10-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

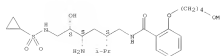
Relative stereochemistry.



● R01

RN 1044676-11-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



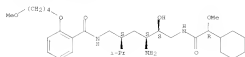
● R01

12/19/2008

10-587,150 entire scope.trn

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RN 1044676-12-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

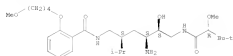
Relative stereochemistry.



● R,C1

RN 1044676-14-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● R,C1

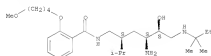
RN 1044676-15-4 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 1044676-10-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

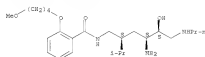
Relative stereochemistry.



● 2 R,C1

RN 1044676-20-1 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

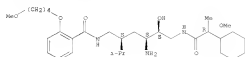
Relative stereochemistry.



● 3 R,C1

RN 1044676-21-2 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

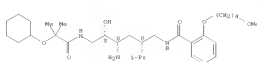
Relative stereochemistry.



● R,C1

RN 1044676-22-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

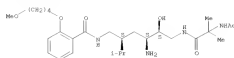
L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● R,C1

RN 1044676-16-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

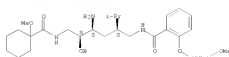
Relative stereochemistry.



● R,C1

RN 1044676-18-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



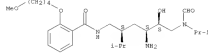
● R,C1

RN 1044676-19-8 CAPLUS

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 1044676-24-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

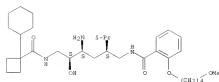
Relative stereochemistry.



● R,C1

RN 1044676-24-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

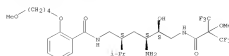
Relative stereochemistry.



● R,C1

RN 1044676-26-7 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



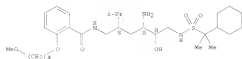
● R,C1

12/19/2008

10-587,150 entire scope.trn

14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 RH 1044676-27-8 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

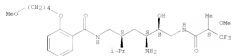
Relative stereochemistry.



● R1C1

RH 1044676-28-9 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



● R1C1

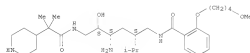
RH 1044676-29-6 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 CH INDEX NAME NOT YET ASSIGNED

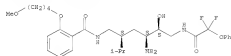
Relative stereochemistry.



● R1C1

RH 1044676-31-8 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

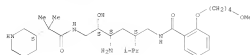
Relative stereochemistry.



● R1C1

RH 1044676-32-9 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

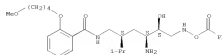


● R1C1

RH 1049117-13-2 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

Page 32

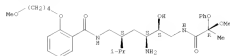
14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● R1C1

RH 1044676-30-3 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

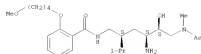
Relative stereochemistry.



● R1C1

RH 1044676-32-5 CAPLUS
 CH INDEX NAME NOT YET ASSIGNED

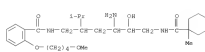
Relative stereochemistry.



● R1C1

RH 1044676-34-7 CAPLUS

14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● R1C1

IT 861450-97-7P 861450-98-8P 861450-99-9P

861451-00-5P 861451-01-6P 861451-02-7P

861451-03-8P

RL: RAC (Pharmacological activity); RPH (Synthetic preparation); THP (Therapeutic use); BUL (Biological study); FPEP (Preparation); USES (Uses)

(Preparation of diamine alics. as resin inhibitors)

RH 861450-97-7 CAPLUS

CH L-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-1-[(2,2-dimethyl-1-oxopropyl)amino]-4-[[2-(3-methoxypropyl)benzoyl]amino]-5-(1-methylethyl)-, monohydrochloride (R1C1) (CA INDEX NAME)

Absolute stereochemistry.



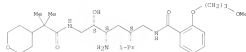
● R1C1

RH 861450-98-8 CAPLUS

CH L-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-4-[[2-(3-methoxypropyl)benzoyl]amino]-5-(1-methylethyl)-2-[[2-methyl-1-oxopropyl]amino]-, monohydrochloride (R1C1) (CA INDEX NAME)

Absolute stereochemistry.

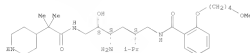
14 ANMER 5 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

861450-99-9 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[2-methyl-2-oxo-2-(4-piperidinyl)propyl]amino]-, dihydrochloride (9C1) (CA INDEX NAME)

Absolute stereochemistry.

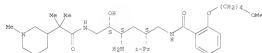


● S, HCl

861451-00-5 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-2-[[2-(1,2-dihydroxypropyl)benzoyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-3-[[1-methylethyl]-, monohydrochloride (9C2) (CA INDEX NAME)

Absolute stereochemistry.

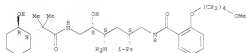
14 ANMER 5 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



● S, HCl

861451-03-8 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-3-[[2-(1,2,3-trihydroxypropyl)benzoyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[1-methylethyl]-, monohydrochloride (9C3) (CA INDEX NAME)

Absolute stereochemistry.



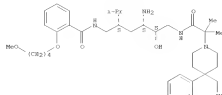
● HCl

IT 861451-16-3P 861451-17-4P 861451-18-5P
 861451-19-4P
 Re: PCT (Reactant); SYN (Synthetic preparation); PREP (Preparation); NACT (Reactant or reagent)
 Preparation of amino acid, as resin inhibitors

861451-18-3 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-2-[[1,3-dimethyl-2-oxo-2-(4-piperidinyl)propyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-3-[[1-methylethyl]-, (CA INDEX NAME)

Absolute stereochemistry.

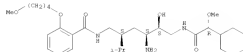
14 ANMER 5 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

861451-01-6 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1-[[1,2,3-cyclohexylmethoxyacetyl]amino]-1,3,4,5,6-pentadeoxy-6-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[1-methylethyl]-, monohydrochloride (9C1) (CA INDEX NAME)

Absolute stereochemistry.

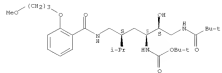


● HCl

861451-02-7 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-6-[[1,2,3-cyclohexylmethoxyacetyl]amino]-5-[[1-methylethyl]-1-[[1,2,3-methoxypropyl]benzoyl]amino]-5-[[1-methylethyl]-, monohydrochloride (9C2) (CA INDEX NAME)

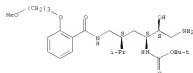
Absolute stereochemistry.

14 ANMER 5 OF 7 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



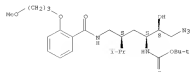
861451-17-4 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-3-[[1,1-dimethyl-2-oxo-2-(4-piperidinyl)propyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[1-methylethyl]-, (CA INDEX NAME)

Absolute stereochemistry.



861451-18-5 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-3-[[1,1-dimethyl-2-oxo-2-(4-piperidinyl)propyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[1-methylethyl]-, (CA INDEX NAME)

Absolute stereochemistry.



861451-19-6 CAPLOS
 CN 1-arabino-Neotol, 3-amino-1,3,4,5,6-pentadeoxy-3-[[1,1,1-trimethyl-2-oxo-2-(4-piperidinyl)propyl]amino]-5-[[2-(4-methoxybenzoyl)benzoyl]amino]-5-[[1-methylethyl]-, (CA INDEX NAME)

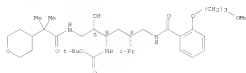
12/19/2008

10-587,150 entire scope.trn

14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

(CA INDEX NAME)

Absolute stereochemistry.



14 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN

(CA INDEX NAME)

140391486
 Design and synthesis of substrate-based inhibitors of
 botulinum neurotoxin type B metalloprotease

AUTHOR(S):
 Gost, Thornton Subraman, Chandygoury Renu,
 Matthias; Goodenough, Michael; Tepp, William; Johnson,
 Eric A.; Kelly, Daniel B.

CORPORATE SOURCE:
 Department of Chemistry, School of Pharmacy,
 University of Wisconsin-Madison, Madison, WI, 53706,
 USA

SOURCE:
 Biopolymers (2007), 71(6), 602-619

CODEN: BIIPMA; ISSN: 0006-3525

PUBLISHER:
 John Wiley & Sons, Inc.

DOCUMENT TYPE:
 Journal

LANGUAGE:
 English

OTHER SOURCE(S):
 CASREACT 140391486

AB Botulinum toxin (BoNT) metalloproteases and related proteases are the

most

selective proteases known. X-ray crystal structures suggest that the
 native enzymes exert an catalytically incompetent force that must be
 activated by substrate binding. In order to characterize the postulated
 substrate-induced conformational changes, we synthesized a series of
 transition state analog inhibitors (TSI) in which the dipeptide cleavage
 site has been replaced by tetrahedral intermediate analogs within the
 minimal substrate peptide sequence. Reduced amide, α-hydroxy amide,
 α-thio amide, and hydroxyethylamine analogs of -Glu-Phe- were
 incorporated via solid phase peptide synthesis into 79-mer analogs of the
 minimal peptide substrate sequence. The synthesis, characterization, and
 inhibition kinetics for four series of compds. against holotoxin BoNT/B

is

described. The α-thiol amide derivs. of the 35-mer substrate were

found to inhibit BoNT/B in the low micromolar range.

17 68276-31-32 68276-32-4P 68276-36-4P
 Hs: RCT (Reactant); SYN (Synthetic preparation); PREP (Preparation); EACT
 (Reactant or reagent)

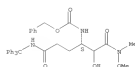
(synthesis of peptide analog inhibitors of botulinum neurotoxin type B
 metalloproteases)

PH 68276-31-3

CH 2-glycero-decanamide,

2,3,4-trideoxy-4-[[[phenylmethoxy]carbonyl]amino]-9H-
 methoxy-9H-methyl-N1-(triphenylmethyl)-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

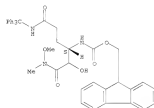


14 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

(CA INDEX NAME)

PH 68276-32-4 CAPLUS
 CH 2-glycero-decanamide, 2,3,4-trideoxy-4-[[[9H-fluoren-9-
 ylmethoxy]carbonyl]amino]-9H-methoxy-9H-methyl-N1-(triphenylmethyl)-,
 (5S)- (9CI) (CA INDEX NAME)

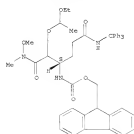
Absolute stereochemistry.



PH 68276-36-9 CAPLUS

CH 2-glycero-decanamide,
 2,3,4-trideoxy-5-O-[[[methoxyethyl]-4-[[[9H-fluoren-9-
 ylmethoxy]carbonyl]amino]-9H-methoxy-9H-methyl-N1-(triphenylmethyl)-,
 (5S)- (9CI) (CA INDEX NAME)

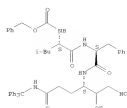
Absolute stereochemistry.



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 FORMAT

4	ANNUAIRE DE 73	149035	COPYRIGHT 1978 ADONIS ON SWN
5	ACCESSION NUMBER:	4489	447012
6	SOURCE NUMBER:	129330343	353556
7	ORIGINAL REFERENCE NO.:	129330343	
8	TITLE:	Structure-Activity Relationships in the Design, Synthesis, and Biological Evaluation of Irreversible Small Molecule HIV-1 Nucleoside Phosphorylating Inhibitors of the HIV-1 Reverse Transcriptase	
9	AUTHOR(S):	RUBINOW, Peter S.; MATHIAS, Stephen A.; BARNES, Robert A.; FOLBERG, David J.; FINE, Thomas; GUY, Amy J.; MATHIAS, David A.; MA, Caroline A.; SMITH, William J.; TRING, Thomas J.; MARKOVICH, Joseph T.; WILKINSON, Michael S.; HEDGECOCK, John T.; FINE, Thomas; CLIFFORD, E.; WALLACE, Michael B.; NEANON, James W.; LEE, Bruce; BASS, Andrew Brown; EDWARDS, L.; RUSFORD, David L.; BARR, James; HEDGECOCK, Michael; KORTHY, R.; MORLAND, Stephen T.	
10	COMPANY SOURCE:	Schering-Plough Animal Inc., San Diego, CA, 92123, U.S.A.	
11	SOURCE:	Journal of Medicinal Chemistry (San Diego, CA) 41(15), 2861-2878	
12	ISSN:	0022-2625	
13	JOURNAL:	American Chemical Society	
14	CONTRACT TYPE:	Journal	
15	AD:	The structure-based design, chemical synthesis, and bio. evaluation of a novel class of HIV-1 reverse transcriptase (RT) inhibitors are described. These compds. incorporate various Michael acceptor moieties and are shown to irreversibly bind to HIV-1 RT with inhibition constants (K _i) in the 10 ⁻⁶ to 10 ⁻⁷ M range. The structure-activity relationships are also shown to exhibit antiviral activity when tested against HIV-1 in infected HL-60 cells. The results suggest that extensive structure-activity relationships developed by Michael acceptor moieties are important for the evaluation of novel compounds against HIV-1 RT. A novel 14-20 Å crystal structure of a peptide derived inhibitor complexed with HIV-2 RT is also detailed.	
16	17	14-20 Å Crystal Structure of HIV-1 Reverse Transcriptase (RT) Inhibitor Complexed with HIV-2 RT	
18	18	Structure-based design, synthesis, and bio. evaluation of irreversible small molecule HIV-1 RT protease inhibitors (protease inhibitors)	
19	19	Michael acceptor moieties	
20	20	8-glycyloxy-2-methyl-2,7,8,9-tetrahydro-6-mitro-6-[[(N-phenylamino)oxo]oxymethyl]-1-levop-1-phenylamino]-8-trifluoromethyl-2,7,8,9-tetrahydro-6-mitro-6-oxo-1,2,3,4-tetrahydropyrimidin-2-one	
21	21	Structure-activity relationships	

14 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STM (Continued)



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12/19/2008

10-587,150 entire scope.trn

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